

**AMENDMENTS TO THE CLAIMS**

*This listing of claims will replace all prior versions and listings of claims in this application.*

**LISTING OF CLAIMS:**

1. (Currently Amended) A method of providing a substrate (10) with a coating layer (13) of a polymeric material, ~~characterized in the steps that~~ comprising:

- a) suspending a pulverous, polymeric material (2) ~~is suspended (1)~~ in a fluid (3),
- b) pressurizing the fluid (3) ~~is pressurised (5)~~,
- c) ejecting the ~~pressurised~~ pressurized suspension ~~is ejected (16)~~ onto the substrate (10) to form the coating layer (13),
- d) heating the polymeric material is, during any one of the steps a)-c), ~~heated (4, 6, 11)~~ to a temperature above its softening temperature.

2. (Currently Amended) A method according to claim 1, ~~characterized in that~~ wherein said heating (11) in step d) is performed during step c).

3. (Currently Amended) A method according to claim 1 ~~or 2~~, ~~characterized in that~~ wherein said fluid (3) is a gaseous fluid, preferably air or an inert gas.

4. (Currently Amended) A method according to claim 1 ~~and 2~~, characterized in that wherein said fluid (3) is a liquid~~[[,]] preferably an aqueous liquid[[,]]~~ which liquid is evaporated in connection with the heating (11) in step d)~~[[,]]~~ during step c), so that the polymeric material is essentially free from the fluid as it hits the substrate (10).

5. (Currently Amended) A method according to ~~any one of the preceding claims~~ claim 1, characterized in that wherein the heating (11) of the polymeric material during step d) is performed to a temperature below the melting temperature of the polymeric material.

6. (Currently Amended) A method according to ~~any one of the preceding claims~~ claim 1, characterized in that wherein the suspension is heated (4, 6) before step d)~~[[,]] preferably in connection with step a) and/or b)~~.

7. (Currently Amended) A method according to ~~any one of the preceding claims~~ claim 1, characterized in that wherein the pulverous polymeric material in step a) has a mean particle size of 1-100  $\mu\text{m}$ , ~~preferably 1-50  $\mu\text{m}$  and even more preferred 1-25  $\mu\text{m}$ [[,]]~~ the pulverous particles preferably being constituted of pulverous particles as formed directly in manufacturing of the polymeric material.

8. (Currently Amended) A method according to ~~any one of the preceding claims~~ claim 1, characterized in that wherein the surface of the polymeric pulverous particles is affected to counteract agglomeration of the pulverous particles

in the suspension[[,]] ~~preferably by treating the pulverous particles or by addition to the suspension of an agent that affects the surface.~~

9. (Currently Amended) A method according to ~~any one of the preceding claims~~ claim 1, characterized in that wherein the substrate (10) is a substrate for a packaging laminate[[,]] ~~preferably~~ comprising one or more layers in the group that consists of the a fibre based core layer, a polymer core layer, a gas barrier layer, an adhesive layer, a liquid barrier layer and a sealing layer.

10. (Currently Amended) A method according to ~~any one of the preceding claims~~ claim 1, characterized in that wherein the substrate (10) is pretreated[[,]] ~~preferably~~ in direct connection with step c), (15) for increased adhesion of the polymeric material.

11. (Currently Amended) A method according to ~~any one of the preceding claims~~ claim 1, characterized in that wherein said coating layer (13) is applied at a thickness of 0.1-5  $\mu\text{m}$ [[,]] ~~preferably 0.1-2  $\mu\text{m}$  and even more preferred 0.1-1  $\mu\text{m}$ .~~

12. (Currently Amended) A method according to ~~any one of the preceding claims~~ claim 1, characterized in that wherein said coating layer (13) is applied on essentially the entire surface of one side of the substrate (10).

13. (Currently Amended) A method according to ~~any one of the preceding claims~~ claim 1, characterized in that wherein said coating layer (13) is applied only partially, on chosen parts of the surface of one side of the substrate (10).

14. (Currently Amended) A device for providing a substrate (10) with a coating layer (13) of a polymeric material, ~~characterized in that it comprises~~ comprising

- mixing equipment (4), arranged to suspend a pulverous polymeric material (2) in a fluid (3),
- pressurizing equipment (5), arranged to pressurize said fluid,
- at least one nozzle (9) operatively connected to the pressurizing equipment (5) and arranged to eject (16) the suspension of polymeric material in fluid towards the substrate (10),
- heating equipment (4, 6, 11) arranged to heat the polymeric material to a temperature above its softening temperature.

15. (Currently Amended) A device according to claim 14, ~~characterized in that~~ wherein the heating equipment (4, 6) is one heating equipment and comprising additional heating equipment arranged upstream of the one heating equipment (11), ~~preferably in connection with said mixing equipment (1) and/or said pressurising equipment (5), and arranged to heat said fluid and/or suspension of polymeric material in fluid.~~

16. (Currently Amended) A device according to claim 14 ~~or 15~~, comprising ~~characterized in that~~ flow controlling equipment ~~(7, 8)~~ is arranged to control a flow ~~(16)~~ of the suspension in said nozzle ~~(9)~~.

17. (Currently Amended) A device according to claim 14, comprising any ~~one of claims 14-16~~ characterized in means ~~(15)~~ arranged to pretreat the substrate ~~(10)~~, preferably comprising activation of the surface of the substrate.

18. (New) A method according to claim 1, wherein said fluid is one of air and an inert gas.

19. (New) A method according to claim 1, wherein the suspension is heated in one of step a) and step b).

20. (New) A method according to claim 1, wherein the pulverous polymeric material in step a) has a mean particle size of 1-50  $\mu\text{m}$  and is constituted of pulverous particles formed directly in manufacturing of the polymeric material.

21. (New) A method according to claim 1, wherein the pulverous polymeric material in step a) has a mean particle size of 1-25  $\mu\text{m}$  and is constituted of pulverous particles formed directly in manufacturing of the polymeric material.

22. (New) A method according to claim 1, further comprising adding an agent to the suspension or treating the pulverous particles to affect the surface of the

polymeric pulverous particles in a manner that counteracts agglomeration of the pulverous particles in the suspension.

23. (New) A method according to claim 1, wherein said coating layer is applied at a thickness of 0.1-2  $\mu\text{m}$ .

24. (New) A method according to claim 1, wherein said coating layer is applied at a thickness of 0.1-1  $\mu\text{m}$ .

25. (New) A device according to claim 14, comprising means arranged to pretreat the substrate by activation of the surface of the substrate.